



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Volume 1—No. 13

OAK RIDGE, TENNESSEE

Tuesday, July 29, 1947

'Confidential' Documents Need Covers

5-7073

Do You Know the
SECURITY
REQUIREMENTS
For Your Job?



All documents that bear the classification of "confidential" require a cover sheet be attached to prevent exposure of their contents to general view. In addition to protecting the contents of the document, the cover sheet also indicates those persons who have seen the document, since all persons who have read the contents are required to sign the cover sheet.

When confidential documents are received by any employee, the title, the document number and copy number, if any, must be listed in the incoming log book. When the documents are sent out the same information must be recorded, in addition to giving the name of the person to whom the document is sent.

This information is necessary, although no receipt is required. Receipt forms are not required at present unless the sender considers the document of especial importance. Double envelopes are required when mailing confidential documents.

When confidential documents are no longer needed they may be destroyed in the same manner as secret materials. Do not place confidential documents in burn baskets.

If any Y-12 employee is in doubt regarding any procedure in handling confidential documents he may obtain complete information on the subject from the Security Office, North Portal, telephone 7994.

Legionnaires Will Hear Report On State Meeting

Oak Ridge Legionnaires will hear a report of activities at the recent department convention at Memphis, when Atomic City Post, No. 199, meets at 8 o'clock Thursday night at the American Legion home, Grove Center, according to Frank W. Wilson, post commander. The report will be made by Oak Ridge delegates to the convention, including Commander Wilson, Paul Sudbury, former Y-12 employee; and D. H. Brown, Committee chairman for the coming year also will be appointed by the commander.

The Oak Ridge post now is endeavoring to establish Veterans Administration hospitalization facilities in the Oak Ridge Hospital. Negotiations are being conducted with the Veterans Administration and the Atomic Energy Commission. The Tennessee department of the Legion has approved the project.

MEETINGS DEFERRED

The East Tennessee Chapter of the Nebraska Alumni Association has deferred further meetings until September, because many members are out of town for vacations.

Perfect Records Set By Seven Departments

Seven departments in Y-12 turned in perfect work attendance records for the week ending July 19 as the plant absentee record for that week dropped to 2.6 per cent. Two of the departments with no absences were in the major league, composed of departments with more than 50 employees; while the other five were in the minor league of groups with from 15 to 49 employees.

Process Development Advances
Dept. A14N, Electrical Equipment Repair and Maintenance, led the major league for the week ending July 12 with an .8 per cent absentee mark. For the week ending July 19 this department had a perfect work attendance record. Joining Dept. A14N in the no absentee class was Dept. H12E, Process Development, which advanced from fourth place held the preceding week.

The group absentee record for the major league for the week ending July 19 was 2.6 per cent, the same as for the preceding week.

Two Repeat In Minor League
In the minor league Dept. A19N, Laundry; and Dept. A15N, Experimental Process Equipment Maintenance, repeated their perfect attendance records of the preceding week. Dept. A12T, Garage Repair Shop, which was in second place for the week ending July 12 with a mark of 1.3, turned in a perfect record for the week ending July 19, as did Dept. A12J, Industrial Services; and Dept. M12S, Steam Plant; to create a five-way tie for the top spot in the standings.

The group absentee record for the minor league for the week ending July 19 was 2.5 per cent, a drop. The complete plant attendance record by departments appears on Page Three of The Bulletin.

CAR TESTS CONTINUE

Operators of automobiles in the Oak Ridge area are being reminded by the Department of Public Safety that the vehicles must pass safety lane tests and receive a safety sticker. The lane is open from 11:15 a.m. to 2:30 p.m. and 3:15 to 8 p.m., Tuesdays through Fridays. Saturday hours are from 8 a.m. to noon and from 12:45 to 5 p.m. It is closed Sundays and Mondays.

Pat Hamrick And Briscoe Ivy Approach Fourth Anniversary In Y-12; Attendance Marks Perfect

Paschal (Pat) Hamrick and Briscoe Ivy, veteran Y-12 employees, are exchanging mutual congratulations this week as each approaches the fourth milestone of employment here. Each boasted a perfect attendance record, with Hamrick, who was employed on August 2, 1943, claiming 24 days seniority over Ivy, who started on August 26 of the same year.

Hamrick, who is an interviewer in the Employment Dept., and Ivy, a chauffeur in the same department, long ago established a close working relationship. Ivy hauled new employees and prospective workers to Y-12 and Hamrick aided in properly "initiating" the new personnel in their duties.

Works In Reverse, Too

There have been times when the process worked in reverse. Employees departing from the area were given their exit interviews by Hamrick and transported to Knoxville by Ivy. The latter has brought more workers here than

Officials Of Benefit Group



Officers and trustees of the Y-12 Mutual Benefit Association are pictured above in a recent session. In the foreground are, left, L. E. Parsons, and J. R. Whitcomb at the right. In the rear, left to right, are W. S. Herron, Howard Harmon, Lee Bagwell and Nelson Tibbatts. D. W. Harrigan was on vacation when the picture was made last week.

Y-12 Man's Picture Of Barn Takes Second Place In Contest

(Witt's Print Contest Entry Appears on Page Two)

E. C. Witt, Y-12 Electrical Engineer, took second place in the Carbide Camera Club print contest held last week when the group met in its club rooms in the Y-12 East Portal building. Paul R. Vanstrum and F. C. Allen, both of K-25, were awarded first and third places respectively.

Mail, Passenger Service Set Between Y-12 And K-25

Regularly scheduled mail transportation by automobile has been established between the Y-12 and K-25 plants with round trips being made daily. The car also may transport passengers between the two plants and it is believed the service should fulfill the needs of most employees whose work necessitates inter-plant trips.

The schedule of the inter-plant service follows:

Cars leave K-25, Wing D, K-1001, at 8 a.m., 9:30 a.m., 12 noon, 1:30 p.m. and 3 p.m. They arrive at Y-12 East Portal at 8:30 a.m., 10 a.m., 12:30 p.m., 2:15 p.m. and 3:30 p.m.

Cars leave Y-12 East Portal at 8:45 a.m., 12:45 p.m., 2:15 p.m. and 3:45 p.m. They arrive at K-25, Wing D, K-1001 at 9:15 a.m., 11 a.m., 1:15 p.m., 2:45 p.m. and 4:15 p.m.

Witt's print pictured an old weatherbeaten barn located in the Oak Ridge area. He used a Kodak Monitor, size 2 1/4 x 3 1/4 inches, and developed the Plus X film in Microdol. A K-2 filter enhanced the cloud effect. The print, made on Opal paper, was developed in Selectol.

The picture made by Vanstrum showed a bridge over a dam, while that of Allen caught several dewdrops on a flower. Several other entries were of high quality, according to Gilbert Mellen, of Y-12, who is club president.

Announcement was made of the resignation of Russell Perkins, of K-25, a vice president of the club. The next meeting of the organization will be on Tuesday, August 12.

"HAMS" PLAN ELECTION

Members of the Oak Ridge Radio Operators Club will elect new officers when they meet Tuesday night, August 5, in the West Lounge of Ridge Recreation Hall. Surplus "ham" equipment also will be auctioned.



Pat Hamrick



Briscoe Ivy

for employment interviews. He says, "We found that practically all persons who were seeking employment told the truth about their former work and the places they had been."

Hamrick, who formerly lived at

Harriman, didn't achieve the perfect attendance record without difficulty. Floods and high waters almost spoiled the mark for him. On one occasion he was unable to reach Oak Ridge because of high water but he reported on time to the Knoxville office, where he had special work to do. He came to Oak Ridge later in the same day.

A story in The Bulletin on August 14, 1944, told of his difficulty in reaching work and quoted him as saying that he felt it was the duty of every employee to be on the job promptly in order that the war might be won.

Worker Gets "Tagged"

Hamrick says that numerous incidents occurred during the days he was interviewing so many people. "One worker made quite a joke out of the way he was tagged and kept waiting," Hamrick says. "This man began by complaining good-naturedly that he had been

(Continued On Page 2)

Mutual Benefit Association Formed In Y-12

Each Y-12 employee insured in the Carbide Group Insurance Plan is automatically a member of the Mutual Benefit Association of Employees of the Union Carbide and Carbon Corporation and subsidiary corporations which cooperates with the Company in administering the plan and also provides certain benefits to its members.

Officers and trustees of the Mutual Benefit Association in Y-12 include D. W. Harrigan, Manufacturing Offices; J. R. Whitcomb, Industrial Services; W. S. Herron, Chemical; Howard Harmon, Engineering and Refining; Nelson Tibbatts, General Utilities and Maintenance; Larry Parsons, Research and Development; and Lee Bagwell, Plant Protection.

Functions Described

The Mutual Benefit Association cooperates in filing and collecting claims for benefits under the Carbide Insurance Plan, arranges assistance for members in need because of death or serious illness in the family and provides special benefits to members.

These benefits are several. A member who needs financial assistance may receive an allowance in the event of being prevented from working because of quarantine instituted by public authorities, the payment for surgical operations, special medical or hospital care for a member or for such other purposes the executive committee may deem proper in the care and treatment of a member in the event of sickness and injury.

May Pay Member's Dues

The association also may make the necessary payments to keep up a member's participation in the Carbide Insurance Plan while the member is not receiving wages or salary, and may authorize the payment of a supplementary sum not exceeding \$50 in the event of death of a member.

While these services apply to situations involving death, illness or other emergencies of a similar nature, they do not include all the aid possible by the association. The Mutual Benefit Association also is in position to grant loans to members for expenses occasioned by illness of the member, provided these loans do not exceed \$100 in the aggregate to any one member in any period of 12 consecutive months, unless specifically authorized by the General Advisory Board on recommendation of the Executive Committee.

Dividend Checks Distributed

The association also distributes dividend checks to members of the Carbide Insurance Plan about April 1 of each year. In the past two years these dividend payments have amounted to approximately 20 per cent of the dues paid into the Carbide Insurance Plan by employees of the Union Carbide and Carbon Corporation and its subsidiary corporations.

Further information on operations of the Mutual Benefit Association in Y-12 may be obtained from the Y-12 Office in the Dispensary, telephone 7651 or 7264.

LIONS ATTEND CONVENTION

Harry Carper, president of the Oak Ridge Lions Club; and Phil Collett, Lion tamer of the club; will attend the national convention of the organization at San Francisco, Cal., this week. Both are K-25 employees. They flew to the convention, which opened Sunday and will continue through Thursday.

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Poliomyelitis
Causes Undue
Amount Of Fear

This is one of a series of articles on communicable diseases written for the Y-12 Bulletin by Dr. C. H. Benning, Director of the Oak Ridge Health Department.

By DR. C. H. BENNING

Infantile paralysis, or poliomyelitis, is one of the contagious diseases that has received considerable attention from the medical profession as well as from the man in the street.

An undue amount of fear and hysteria has been developed by the general public because up to the present time no vaccine or serum has been found to prevent this disease. Only a small percentage of cases developed noticeable paralytic symptoms.

In the epidemic of 1941 in Maryland, 79 per cent of all children and adults diagnosed as "polio," made a practically complete recovery without any noticeable disabilities. Only three per cent died.

In 1945, another high year for poliomyelitis, whooping cough led the three horsemen of death with 1,152 deaths; diphtheria came second with 1,598 and poliomyelitis was third with 1,186.

It is apparent, then, that diphtheria and whooping cough still remain greater threats to the lives of our children than infantile paralysis.

Infantile paralysis must not, however, be underrated. It must be fought through intelligent cooperation of attending physician, health department, and parents.

Most Frequent In Summer, Fall

Infantile paralysis occurs most frequently during the summer and fall months, although isolated cases do occur at any time of the year. The disease is spread from person to person in the majority of cases. The occurrence of cases cropping up in widely separated areas of a city or state can be accounted for by the number of extremely mild cases that develop among children without any symptoms or after effects. At least 50 per cent of cases are so mild that no physician or nurse is called for advice or treatment. Early diagnosis of suspected poliomyelitis is essential to ameliorate the normal five to 10 per cent of paralytic conditions that occur, and to intelligently reduce the severity of the final after effects.

Director Available For Aid

The Director of Public Health has been a consultant on poliomyelitis for many years. He is available to family physicians to aid them in arriving at a diagnosis of this unpredictable disease.

As previously mentioned, there is no specific preventive against this disease. Likewise, there is no definite drug that will cure the disease. Your family physician, your director of health, and local hospital are well prepared to give expert advice and the latest treatment available, if and when a case develops in Oak Ridge.

V.F.W. SUPPER PLANNED

Members of the Women's Auxiliary of Veterans of Foreign Wars are planning a spaghetti supper to be held at V.F.W. headquarters on Washington Lane at 6:30 p.m., Friday, August 1. The public is invited.

Placed Second In Contest



This old barn, photographed by E. C. Witt, of Dept. H12E in Y-12 shows one of the landmarks of Oak Ridge. Built during the days when atomic energy was only a dream, it is reminiscent of the time when the area was a peaceful rural countryside. The print won second place in a recent Carbide Camera Club contest.

Strictly Confidential..

Plant Protection Supt. Thomas A. McKenzie is recovering from an appendectomy performed recently at the Oak Ridge Hospital.

Howard P. Doyle, of Employee Services, is vacationing this week and is inspecting and improving his recently acquired realty holding on the shores of Norris Lake.

W. T. Hays, of the Y-12 Security Office, and his young daughter, Libby, 8, both are proud of little Miss Libby's swimming feats gained after about two weeks of instruction at the Oak Ridge swimming pool. Libby, who never swam before beginning her present course of lessons, now confidently jumps off the high board at the pool and swims the 25 yards to the float and return. Incidentally the Hays family is planning to go on vacation next week.

The following employees of Dept. A12S are on their vacations: J. R. Bayless, Hugh Buckner, S. J. Cooper, Virginia D. Owen, E. A. Guetner, A. B. Howell, W. L. McNabb, B. H. Nelson, Mary Emma Puckett, Bessie Railey, Paul Snodgrass and Artie "Jackie" Tankersley.

R. H. Freeman, of Electrical Equipment, Repair and Maintenance, and his wife recently entertained his mother, Mrs. Martha Claxton, Jacksboro, Tenn., who was a week-end visitor in Oak Ridge.

Bruce Whitaker, Office Services, is vacationing this week.

John Landry, of Research and Development, is vacationing in the Black Hills of North Dakota . . . Katie Cole also is enjoying a vacation . . . A steak fry was enjoyed at the home of Mr. and Mrs. Paul Griffin, 105 Hanover Place, Saturday evening, July 19, by the following people: Mr. and Mrs. Harry Bronstein, Mr. and Mrs. William C. Davis, Mr. and Mrs. Boyd Weaver and daughter, Cynthia, and Mr. and Mrs. L. O. Kilpatrick. Everything was going just fine until an uninvited canine started stealing part of the steak . . . Jack Thompson was awakened bright and early last Monday morning, around 6:45 a.m., by a knock on his door. Who do you think could be calling at this hour? A man selling dictionaries. (Editor's Note:—Jack probably used some words new to the dictionary) . . . Other vacationers of Research and Development are Bill Prater, Stanley Fairbourne, George Fisher, Bob Hilton and Newton Stone.

Joe White, Employment Dept., is spending a vacation at Daytona Beach, Fla. . . . Also vacationing this week and next are Avo Hammond and Mary Nell Smith.

Irene Smith and Virginia Myers, Dept. A12R, left last week for a vacation in North Carolina, while Dale Lee will spend her vacation in Rossum, Ark.

Jack Martin, Experimental Process Equipment Maintenance Dept., and wife have returned from a nice vacation in Tucson, Ariz. . . . Others of this department on vacation are H. K. Bailey, C. L. Taylor and H. W. Ditchen . . . A speedy recovery is wished for J. H. Stone who is a patient at the Oak Ridge Hospital.

Blossom Henry, Bldg. 9704-2, should have enjoyed her birthday last week. Three parties were given in her honor. Twice, friends on the area celebrated the occasion and a party was given for her over the weekend at her home in Gate City, Va.

Winnie Miller, of the Insurance Office, has been making large plans for an extensive tour during her vacation. She intends to leave August 2 by airplane for Chicago. On the following day she joins a rail tour which will take her to Portland, Ore., Seattle, Wash., and Canada, via St. Louis, Mo., before returning home she will have visited Albuquerque, N. M., San Diego, Cal., Hollywood, Cal., Colorado Springs and points in Mexico. Bon voyage, Winnie.

Edna Dorton, of Employment, is back on the job following her vacation, which was spent in Detroit, Mich., where she visited an aunt, Hazel Gowan.

Those enjoying vacations from Dept. A14N are H. P. McGaughy, J. R. Carrier, W. F. Smith and U. L. Alspaugh.

Mary Roberson, of Analytical Laboratory, has returned from a vacation spent in Florida . . . Nell Trebilcox and her husband have reported back to work after a vacation in Pennsylvania.

Mrs. Arnold Tiller, Sandy and David are spending a few days in Kingsport. Ray is enjoying himself at his grandmother's in Clinton.

Otis Rackley, of Badge and Pass Office, spent a recent weekend at his home in Dalton, Ga.

Capt. James Lain, Fire Dept., and small son, James, Jr., attended the Shrine Circus in Knoxville last Saturday.

Glenn A. Atchley, Guard Dept., is vacationing in Miami, Fla. . . . Dallas C. Shults has gone to Port Arthur, Tex., to spend a vacation . . . Several other employees of the Guard Dept., are also on vacation. They are Arthur Mitchell, Samuel J. Keys, John F. Cornett, Polie Garrison, Jennings B. Atchley, Charles E. Decker, Clell L. Cotter, Oscar H. Riggs, and Thomas H. Allison.

Evelyn Tucker, Cafeteria Accounting Section, spent a vacation in Birmingham, Ala., visiting Beatrice Rasch, a former Y-12 employee. Although Evelyn had a nice visit, bad luck overtook her coming home. Besides losing her diamond ring and her baggage getting banged up, she had an attack of appendicitis on the bus. Better luck next time, Evelyn.

Contracts

ALBRIGHT-MAY

Mr. and Mrs. James M. May, of Salyersville, Ky., announce the marriage of their daughter, Lillian, to Bill Albright, son of Mrs. Mary Albright, of Jamestown, Tenn., and the late Mr. Albright, on July 11.

The double ring ceremony was performed at the home of the bride's parents in Salyersville by Rev. R. B. Lunsford.

The bride wore a street length dress of white silk jersey with white accessories and a corsage of pink roses. Mary May, sister of the bride, was maid of honor, and Raymond Arnett, cousin to the bride, was best man.

Mrs. Albright attended Berea College, Berea, Ky., and is now employed in Dept. A12D. Albright is employed by Carbide in the K-25 Area.

The couple is living in Oak Ridge.

PENN-MALLORY

The marriage of Miss Mary Mallory to Richard W. Penn has been announced by her parents, Dr. and Mrs. J. N. Mallory, of Jackson, Tenn. The groom is the son of Mr. and Mrs. Lyman Penn, of Circleville, Ohio.

The ceremony was performed at 6:30 p. m., July 26, at the Chapel-On-The Hill, with the Rev. Stuart Rule officiating. The bride was given in marriage by her father.

Mrs. Penn was dressed in white nylon embossed taffeta, fashioned with a sweetheart neckline, basque waist, full skirt, and train. Her veil of illusion was held in place by a heart-shaped tiara of chantilly lace and orange blossoms. She carried a white Bible topped with an orchid.

Mrs. E. E. McCombs, twin sister of the bride employed in the Analytical Laboratory of Y-12, was matron of honor. The other attendants were Miss Margaret Raulston, of the Atomic Energy Commission, and Miss Gwen Petway, of Benton, Ky.

John Penn, brother of the groom, was best man. One of the ushers was Edward E. McCombs of Analytical Laboratory.

The bride attended Union University, Jackson, where she was a member of the Zeta Tau Alpha Sorority. She is a former Y-12 employee and was employed by the Oak Ridge Schools at the time of her marriage. Penn attended Kenyon College at Gambier, Ohio, and was a member of the Psi Upsilon Fraternity. He formerly was employed in the Refining Dept. of Y-12.

The couple will live near the Ohio State University in Columbus, Ohio.

Community Playhouse Gets Aid From Y-12 Personnel

One Y-12 employee and the wife of another are members of casts of plays to be presented by the Community Playhouse August 22 and 23 at the Oak Ridge High School auditorium. Bill Rathkamp will portray the boor in a play of the same name, written by Chekov.

Mary Marshall Lockhart, wife of George Lockhart, of Y-12, will assist in presentation of "He Ain't Done Right By Our Nell." Kay Guthrie, of Y-12, is aiding behind the scenes with properties for the three plays and Evan Means, also of Y-12, is stage manager for the productions. Several newcomers have appeared to augment the casts of the Playhouse productions.

AID COURSE POSTPONED

Courses in first aid for instructors, originally scheduled to start Monday, August 21, under auspices of the American Red Cross, have been indefinitely postponed. An effort will be made to offer the training early in the fall. Water safety classes, taught by Howard Anderson, special field representative for the Red Cross, are being conducted as scheduled at the Oak Ridge swimming pool.

"How does an old maid finish her prayers?"

"I don't know, how?"

"Ah men."

Recently Wed

5-7071



Mrs. Bill Albright

Pat Hamrick, Briscoe Ivy Near Fourth Anniversary

(Continued from Page 1)

kept waiting three days despite the fact that he was told the job was urgent.

"He said, 'They put fertilizer tags on me and expect me to walk around with those on.' That fellow is still on the job."

In Harriman, Hamrick formerly managed a large chain grocery store and was Police Commissioner as well as a charter member of the Harriman Business Men's Club. He also was active in the Masonic Lodge. He has been living in Oak Ridge since October 5, 1944.

Ivy Gets Around

As for Ivy, he really "got around" during the rush war days. He drove buses on recruiting trips and piloted trucks to various nearby towns. He visited Kingsport, Tenn., and Bristol, Va., on Company business and touched Little Rock, Ark., in the other direction. These were only a few of the cities he saw during the busy years.

While the big rush was on, Ivy was transporting 150 persons to Oak Ridge daily, six days per week. "I sometimes worked night and day and have gone as long as 32 hours without a break," he says. "At that rate, I must have brought several thousand people here."

Had Only One Accident

Ivy has experienced only one accident in the many thousands of miles that he has covered. This occurred when the door of a car, which was parked near the bus he was driving, caught the side of the bus and ripped a small hole as he eased away from the curb. The damage was slight.

Ivy worked 15 years for a knitting mill in Knoxville before coming to Y-12. His driving now is limited to one trip daily to Knoxville and return as far as the company is concerned. But, come morning, he must commute to Y-12 from Knoxville and return at the close of the day's work, since he lives off the area.

"The first 100,000 miles are the hardest," he remarks.

Deliveries

Births reported for Y-12 families last week by the Oak Ridge Hospital are Mr. and Mrs. John Henry Coobs, a daughter, July 19; Mr. and Mrs. George Albert Strasser, a son, July 20; Mr. and Mrs. Herschel Bailey, a son, July 22.

Hospital List

The Oak Ridge Hospital reported the following Y-12 employees as being on its list of patients last week: John Henry Stone, Dept. A-15N; Mary Braunecker, Dept. M-12M; Lyman Hale, Dept. M12B; and Geneva A. Henson, Dept. M13B.

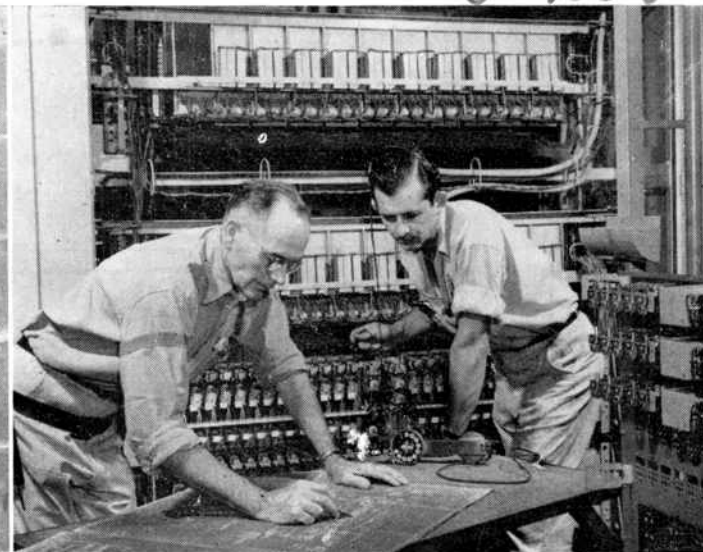
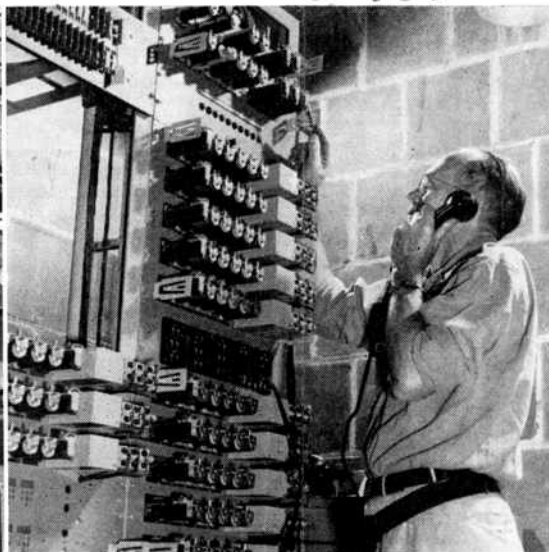
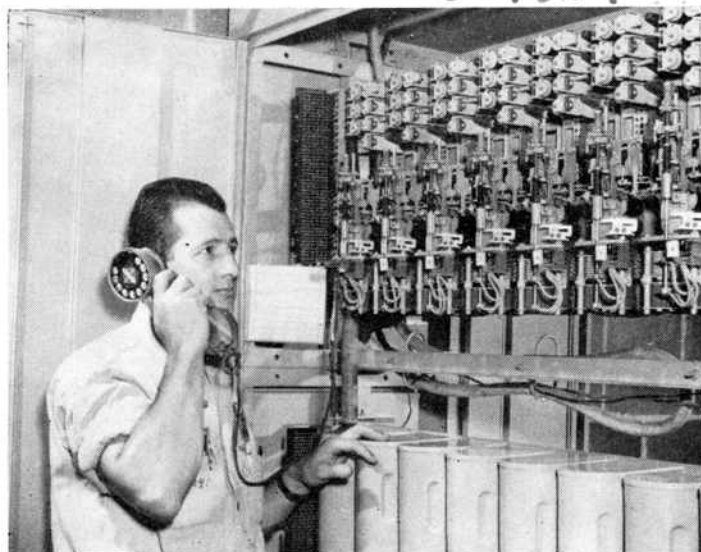
Observing safe work habits means happiness in the home.

Repairmen Of Dept. A14N Check Intricate Telephone Equipment In Y-12

5-7057

5-7058

5-7058



Pictured above are John Carringer and C. A. Harpe, Repairmen in Dept. A14N, Electrical Equipment Repair and Maintenance, who keep the intricate automatic telephone equipment of Y-12 in working condition. At left

Carringer is testing a rotary switchboard. In the center picture Harpe is working on the turret of the switchboard through which the emergency magneto-operated

telephone line is operated. At right Harpe and Carringer are inspecting a wiring diagram in the course of running down some trouble spots.

Oh, My Aching Back!

5-7072



Improper Lifting Can Cause Injury

Practically every Y-12 plant worker has occasion to do some heavy lifting at times. Mechanics carry heavy tools during their work—other employees have large containers to move—and even stenographers sometimes handle bulky and weighty books and files and occasionally move typewriters and other pieces of office machinery.

Improper lifting methods have resulted in nearly 60 per cent of the lost time accident cases reported in the plant when back strains, hernias and other injuries have resulted. Some of these accidents are caused by underestimating the weight of the load to be lifted and some are the result of slipping while carrying a burden.

Now there is a right way and wrong way to lift heavy articles, the Safety Department says. Spine Lacks "Boom Cables"

Backs are constructed to stand a "compression" load. That is, the spine, if squeezed from end to end, will hold heavy weights. But when a person bends over to pick a load from the floor, the spine is like the boom cables to keep it straight. Therefore, the back muscles are overloaded in trying to keep the spine in line.

The legs are constructed differently. They can be bent and yet the muscles have sufficient strength to straighten the legs out under heavy loads. If the legs will not lift the load—the only conclusion is that the load is too heavy—for no serious injury is done to the muscles. On the other hand, when an overload is thrown on the back muscles they will endeavor to do the work, thereby injuring themselves.

Lifting With Leg Muscles Proper

So the proper method of lifting is with the leg muscles—and arm muscles if needed. To prevent losing balance and to make it easier on the arms, the load should be held close to the body. Even lifting a comparatively light object can result in strain if it is too bulky to handle easily.

When preparing for a job of lifting, the weight of the object to be lifted should first be estimated. If the employee decides he can do the job alone he should squat down beside the object, bending the knees and keeping the back as nearly vertical as possible. Then lift slowly—don't jerk—feeling out the weight and balance of the load.

Every employee is urged not to overestimate his own strength and to use power lifting equipment wherever possible. However, if anything "gives way" in the body as a result of lifting an immediate report should be made to the department Supervisor who will send the injured employee immediately to the Dispensary for an examination and treatment if needed.

Kennel Club To Stage Show September 28

The Oak Ridge Kennel Club will hold a Class D sanction match dog show Sunday afternoon, September 28, at the high school athletic field. Judging will begin at 1 p.m. and a large number of entries is expected.

Class entries in the show will be divided into three groups. One will include puppies between six and nine months old and another puppies from nine months to 12 months. The third group will include dogs more than 12 months old.

Four events for child handlers will be offered, with trophies being offered in each. The groups will include boys and girls from six to 11 years of age and from 11 to 16. Trophies will be awarded in each class.

The club is endeavoring to obtain a judge of national repute to officiate in the show and expects to announce the identity of the official in the near future.

Junior Baseball Finals Set For Oakwood Park Tonight

Oak Ridge baseball fans will be treated to the finals of the American Legion Junior Baseball regional tournament at 8:30 o'clock tonight at Oakwood Park. The winner of the game tonight will go to the state finals in Nashville.

Teams representing Knoxville and Johnson City and one of two Chattanooga teams played in the tournament, the Chattanooga entry not having been determined at press time of The Bulletin last week. Drawings for the tournament were held Monday afternoon and the first game played Monday night.

Orange Crate Entrants Hit Total Of 28 As Race Nears

A total of 28 entries has been received to date in the Oak Ridge Junior Chamber of Commerce Orange Crate Derby, according to Ward Foster, of Y-12. The deadline has been extended and any of the entrants who have completed their vehicles should call either W. H. Sidner, telephone 5-5741, or C. J. McMahon, telephone 5-1426. These men will inspect the "cars" for compliance with specifications.

The derby will be staged Saturday, August 16, on New York Ave., and prizes will be awarded in the various events.

Hotel Guest (phoning desk for third time): "Say, are you the night clerk?"

Clerk: "Yeah, what's biting you now?"

Guest: "That's what I'd like to know."

Dept. A14N Handles 'Phone Maintenance

One of the far-flung responsibilities of Dept. A14N, Electrical Equipment Repair and Maintenance, is keeping the Y-12 telephone system in operation through giving constant attention to the intricate equipment necessary to insure uninterrupted communications.

Most of this work is performed by Repairmen C. W. Harpe and John Carringer. They check the automatic telephone switchboards periodically and also service other communication equipment throughout the plant such as the "Tele-talk" installations used in several buildings.

Inspections Are Frequent

Twice weekly checks are made on the three principal automatic switchboards. One has 82, and the others 100 trunk lines. Eight other similar installations in standby production buildings are inspected once each month. The work includes adjustment of numerous relays, selectors, automatic trouble detectors and annunciating devices. Gravity readings of storage batteries and their liquid levels also are checked and hundreds of contacts and rotary selectors or "line finders" are burnished.

One of the most vital links in the telephone system of Y-12 is the non-automatic, emergency line operated by magneto. Although all power facilities might be cut off and regular telephone cables damaged, this magneto-operated line still would function. It provides communication facilities for all essential plant departments and likewise has connection with the Oak Ridge City police, fire and electric power departments, guard departments of other operating companies and Atomic Energy Commission offices.

Augments Radio Telephone

This emergency telephone communication line is augmented by the two-way radio telephone installation used by the Y-12 Guard Department and the Fire Department for communication between headquarters and vehicles in the field.

In addition to keeping all of this equipment in working order, Dept. A14N also maintains a shop where certain types of portable telephone equipment used in the plant are serviced.

LAWN CONTEST CLOSES

Judging of entries of the Oak Ridge Lions Club lawn improvement contest began late last week and winners will be announced soon, according to club officers. Using "before" and "after" photographs as the basis for judging, the committee gave consideration to the amount of improvement effected rather than to individual beauty.

Never feel safe enough to be careless.

Department Absentee Mark For Week Ending July 19

MAJOR LEAGUE More Than 50 Employees			
Dept.	Absent	Standing	Standing
	7-19-47	7-12-47	
A14N	0.0	1	1
H12E	0.0	1	4
H12L	0.8	2	15
A16N	1.4	3	7
B12L	1.5	4	5
A12S	1.7	5	6
A12W	2.0	6	10
A12G	2.3	7	13
A14J	2.4	8	12
A13N	2.7	9	16
B13L	2.8	10	3
A17N	3.000	11	17
M13B	3.008	12	9
M12C	3.4	13	14
M15C	3.9	14	11
M12P	4.4	15	8
A12M	4.5	16	2
H12D	5.1	17	

Group average absentee percentage was 2.6, remaining the same as the preceding week.

MINOR LEAGUE (From 15 to 49 Employees)			
Dept.	Absent	Standing	Standing
	7-19-47	7-12-47	
A19N	0.0	1	1
A15N	0.0	1	1
A12T	0.0	1	2
A12J	0.0	1	4
M12S	0.0	1	6
B12A	0.8	2	1
A12L	1.6	3	5
M14C	2.3	4	3
A12D	2.5	5	1
A12R	3.2	6	11
M12M	4.2	7	9
A12N	4.3	8	7
A13T	4.6	9	10
A12A	6.6	10	8

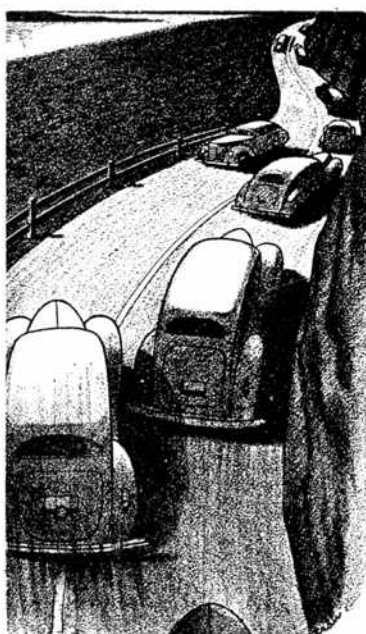
Group average absentee percentage was 2.5, .9 lower than the preceding week.

The plant average for the week ending July 19, 1947, was 2.6 per cent, 1 per cent lower than the preceding week.

HEALTH EXHIBIT SHOWN

Health education in industry is illustrated in an exhibit now on display in the Grove Theater lobby. Sponsored by the Oak Ridge Health Department of the Monsanto Chemical Co., the display includes several large panels of photographs. It will be at the theater for several weeks.

You Bet Your Life When—



... You are irked by heavy traffic and pull out of line.

GIRL SCOUTS GET NEW CAMP

Oak Ridge Girl Scouts, who will enter a summer camp at Watts Bar Lake on August 10, contributed most of the money toward the new project themselves. Their savings and fund raising projects have gone toward financing the camp which eventually will include three army water purification units, 12 large wall tents, 36 cots, one mobile electric unit, three rubber boats, 36 paddles, an army assault boat, an outboard motor, a canoe and lumber for various buildings and tent platforms.

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Seeded In Tournament



Seeded in third place in the Y-12 Plant Softball League double elimination tournament scheduled to get underway next Monday night is the Maintenance team, pictured above. In the first row, left to right, are McCulley, Balis and Lawson; second row, Thurmon, Hooker, Green and Noe; third row, Dunlap, Parsons, Cruse, Riddle and Koons.

Appalachian Hiking, Camping Trip Provides Exercise, Scenery

Here's a tip to all hardy souls in Y-12 who like the wide open spaces taken in stride through hiking and camping trips of considerable duration—say two or three days. It also involves motoring to and from the start and finish of the hiking route.

The locale of this journey, as suggested by the Recreation Office, includes some of the most gorgeous scenery in the Big Smoky Mountains. It does not involve too difficult walking, although sufficiently tough to discourage the sissies, and provides adequate and comfortable camping sites and shelters along the way.

Appalachian Trail Selected

The stretch selected for the hiking and camping portion of the trip is that part of the Appalachian Trail extending from Deal's Gap on the Tennessee-North Carolina line to Newfound Gap, Tenn., a distance of about 36 miles.

The National Park Service recently completed work on improving the trail and camping shelters along the Appalachian Trail for the convenience of hikers and campers. To reach Deal's Gap, which is about 93 miles from Oak Ridge, U. S. Highway 129 is taken from Knoxville through Maryville to the destination. The Appalachian Trail crosses the highway at Deal's Gap, which has an elevation of 1,955 feet above sea level.

Gregory Bald First Stop

Leaving Deal's Gap on foot, the first stop on the hike will be at Gregory Bald, six miles along the trail. The elevation there is 4,948 feet, which is quite a climb from the start of the trip.

Approximately 10 miles further along the trail is Thunderhead, reached after passing through Rich Gap and Spence Field. Thunderhead is 5,530 feet above sea level. Another 10-mile hike will bring the party to Siler's Bald, which is 5,620 feet above sea level. The last lap of the journey is 10 miles to Newfound Gap, passing Clingman's Dome, the highest point on the journey with an elevation of 6,643 feet. At Newfound Gap, the elevation of which is 5,045 feet, the traveler probably will warmly welcome the relaxation of riding home in an automobile and should be certain

Plant Softball Standings, Results

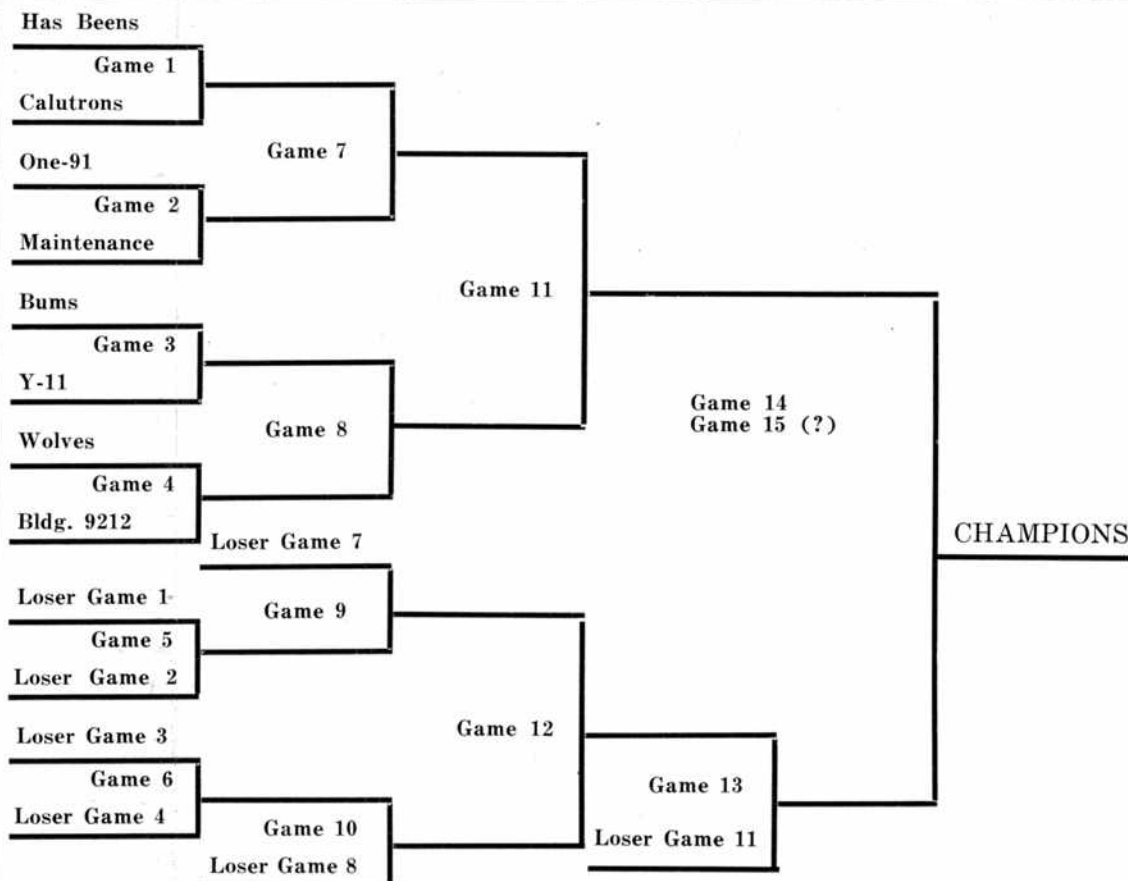
LEAGUE STANDING									
Including Games Of July 24									
Team	W	L	Team	W	L				
Has Beens	17	2	Wolves	9	8				
Bldg. 9212	13	6	One-91	7	10				
Maint.	12	7	Calutrons	5	7				
Bums	11	8	Ramblers	3	13				
			Y-11	1	17				
<hr/>									
Calutrons	0	0	4	1	0	0	3	8	9
Maintenance	6	2	3	0	0	0	x	11	11
Maintenance	7	3	8	6	4	x	x	28	27
Y-11	4	0	2	0	0	x	x	6	8
Bums	0	1	0	0	0	1	x	2	6
Has Beens	3	0	1	5	7	x	x	16	27
Bldg. 9212	0	0	0	0	0	2	2	2	3
Has Beens	0	2	0	3	2	0	1	8	7
One-91	1	0	3	1	4	0	4	13	20
Maintenance	1	3	3	0	0	1	0	8	13
Y-11	3	0	0	4	0	4	1	12	8
Has Beens	8	3	1	6	2	0	x	20	19
Calutrons	5	1	1	8	8	x	x	24	25
Wolves	2	1	2	0	2	0	x	7	10
One-91	0	1	4	1	0	1	0	7	7
Bldg. 9212	1	6	8	0	1	0	x	16	14
Maintenance	1	2	1	0	1	0	0	5	5
Has Beens	3	1	2	3	6	2	x	17	13
Bums	0	0	0	0	1	2	6	9	11
Calutrons	2	2	1	2	0	4	x	11	9
Y-11	0	0	0	0	0	0	0	2	1
Bums	0	0	3	3	0	1	x	7	9
Calutrons	2	8	0	2	0	3	15	9	4
Bldg. 9212	2	0	2	0	2	0	3	9	4

Are you flush? Are you flat? Do you know where you're at? Or the cost of the things people sell you? What's the score? Can you judge it? They tell me a budget, a family budget, can tell you!

to make arrangements to be met there by transportation.

Any employee interested in making such a trip alone or in a party may obtain more information regarding the route and a map at the Recreation Office, North Portal, telephone 7-8252.

Y-12 Plant Softball Tournament Bracket



All managers and players are urged to cut out and keep this tournament bracket and schedule, which is published below.

Has Beens Appear Team To Beat In Tournament; Bums Score First Shutout Of Plant Loop Season

SPORTS

Y-12 Lassies To Play Two Tilts This Week

Idle last week for the first time since the season opened, the Y-12 women's softball team is scheduled to swing into action twice this week with high hopes of adding two more victories to its list for the second half of the season.

Play K-25 and Monsanto

The Y-12 lassies will resume their fussin' and feudin' with the Carbide cousins from K-25 at 6 o'clock tonight on the Fairview diamond. The Carbide combination can be tough on occasions and is the only outfit in the league to hand the loop-leading Hospital lassies a defeat this season.

The Y-12 girls will meet Monsanto at the same hour and place Wednesday.

Monsanto was scheduled to play Hospital Monday night and the same two teams are slated to meet at 6 o'clock Thursday afternoon on the Fairview field.

Hospital Game Postponed

Because of conflicting working hours and vacations the Y-12 team could not raise a quorum and obtained a postponement of the scheduled game with the Hospital crew last Tuesday. In other tilts last week K-25 walloped Monsanto 25 to 2 and Hospital gained revenge over K-25 by the score of 10 to 2.

The wife was greatly pleased with her success at the woman's club meeting. On her return home she told her husband:

"I was absolutely outspoken at the meeting this afternoon." Hubby was doubtful. "I can hardly believe it, my dear," he said. "Who outspoken you?"

Be different—anybody can have an accident.

More Sport News On Page Three

Out in front in the regular season's play by three games and seeded first in the Plant Softball League double elimination tournament, the Has Beens look like the team to beat in the tourney, which gets underway at 6 o'clock next Monday night at the Administration Field.

Seeded behind the Has Beens in order are Bldg. 9212, Maintenance and Bums. The four leaders were placed as of their league standing last Wednesday. Incidentally, the Has Beens will pry the lid off the tournament in the first of three games scheduled for Monday night, meeting the Calutrons.

Season Ends Saturday Night

The regular league season will be concluded Saturday night at Administration Field with three games. The schedule for this week follows:

TUESDAY NIGHT, JULY 29
Oakwood Field No. 2
6 p. m., Maintenance vs Bums.

WEDNESDAY NIGHT, JULY 30
Administration Field
6 p. m., Maintenance vs Bldg. 9212. 7:30 p. m., One-91 vs Bums.

THURSDAY NIGHT, JULY 31
Oakwood Field No. 2
6 p. m., Has Beens vs Bums.

FRIDAY NIGHT, JULY 31
Administration Field
6 p. m., One-91 vs Y-12. 7:30 p. m., Has Beens vs Wolves. 9 p. m., Bums vs Bldg. 9212.

In play last week the boys almost had to substitute ear muffs for the web feet needed the preceding week. However, some excellent contests were turned in by the athletes.

Johnny Webb, star hurler of the Has Beens, pitched five and one-third hitless rounds against Bldg. 9212, the losers finally getting to him for their lone two runs in the seventh and last inning.

Two sparkling pitching exhibitions were turned in during the week. Frank Darby of the Bums, starting his second of the season in the box, allowed the first shutout of the season when he blanked the lowly Y-11 outfit on only two bingles. One of these was of the scratch variety.

Desks are not considered adequate for storing classified information.

Tournament Schedule

Here is the schedule of games in the Plant Softball League double elimination tournament, the bracketing of which is shown above.

MONDAY, AUGUST 4
Administration Field
Game No. 1, 6 p. m., Has Beens vs Calutrons.

Game No. 2, 7:30 p. m., One-91 vs Maintenance.

Game No. 3, 9 p. m., Bums vs Y-11.

TUESDAY, AUGUST 5
Oakwood Field No. 2
Game No. 4, 6 p. m., Wolves vs Bldg. 9212.

WEDNESDAY, AUGUST 6
Administration Field
Game No. 5, 6 p. m., Loser Game No. 1 vs Loser Game No. 2.

Game No. 6, 7:30 p. m., Loser Game No. 3 vs Loser Game No. 4.

Game No. 7, 9 p. m., Winner Game No. 1 vs Winner Game No. 2.

THURSDAY, AUGUST 7
Oakwood Field No. 2
Game No. 8, 6 p. m., Winner Game No. 3 vs Winner Game No. 4.

MONDAY, AUGUST 11
Administration Field

Game No. 9, 7:30 p. m., Loser Game No. 7 vs Winner Game No. 5.

Game No. 10, 9 p. m., Winner Game No. 6 vs Loser Game No. 8.

WEDNESDAY, AUGUST 13
Administration Field
Game No. 11, 7:30 p. m., Winner Game No. 7 vs Winner Game No. 8.

Game No. 12, 9 p. m., Winner Game No. 9 vs Winner Game No. 10.

THURSDAY, AUGUST 14
Oakwood Field No. 2
Game No. 13, 6 p. m., Winner Game No. 12 vs Winner Game No. 11.

MONDAY, AUGUST 18
Administration Field

Game No. 14, 8:15 p. m., Winner Game No. 11 vs Winner Game No. 13.

If winner of Game No. 13 should defeat the winner of Game No. 11, a second game between these two teams would be necessary and will be played at 8:15 p. m. Wednesday, August 20 at the Administration Field.

In case of rain, all games will be moved back to the next scheduled playing date.